

Data Path : Z:\voasrv\HPCHEM1\MSVOA_V\Data\VV061422\
 Data File : VV026225.D
 Acq On : 14 Jun 2022 10:29
 Operator : SY/MD
 Sample : VV0614WBL01
 Misc : 25mL/MSVOA_V/WATER
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VBLK371

Quant Time: Jun 15 05:47:41 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_V\Method\SFAMVTR061222WMA.M
 Quant Title : TRACE VOA SFAM1.0
 QLast Update : Wed Jun 15 05:46:56 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

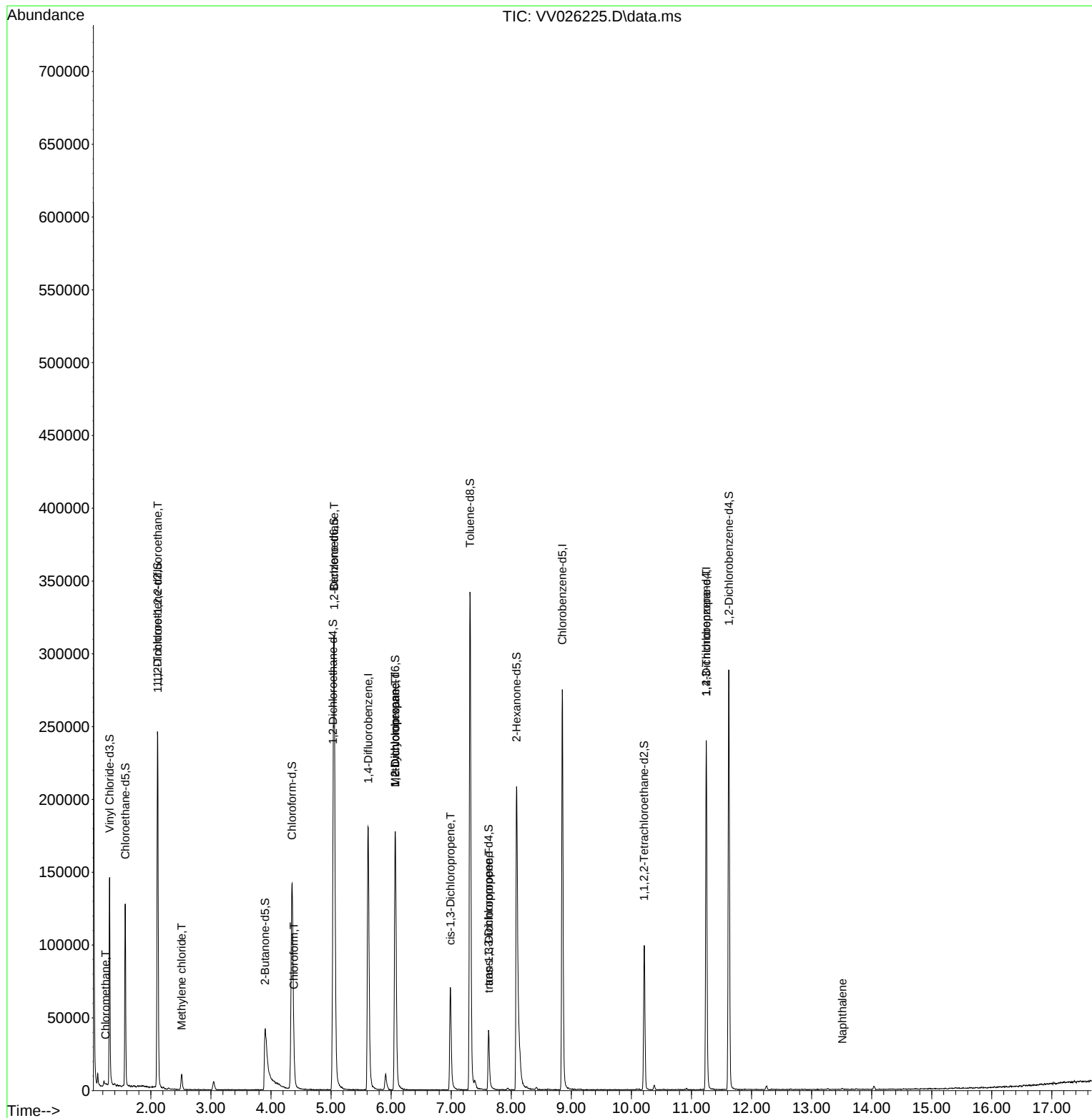
Internal Standards						
1) 1,4-Difluorobenzene	5.619	114	164158	5.000	ug/L	0.00
28) Chlorobenzene-d5	8.850	117	157166	5.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.246	152	64108	5.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.314	65	99068	4.615	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.200%
7) Chloroethane-d5	1.574	69	80787	4.778	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.600%
11) 1,1-Dichloroethene-d2	2.111	63	129262	3.745	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	74.800%
20) 2-Butanone-d5	3.902	46	88875	55.492	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	110.980%
24) Chloroform-d	4.349	84	151641	4.981	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.600%
26) 1,2-Dichloroethane-d4	5.034	65	65289	5.319	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	106.400%
32) Benzene-d6	5.050	84	300226	4.900	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.000%
36) 1,2-Dichloropropane-d6	6.069	67	92171	5.217	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.400%
41) Toluene-d8	7.314	98	238054	4.363	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.200%
43) trans-1,3-Dichloroprop...	7.622	79	25490	4.780	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.600%
46) 2-Hexanone-d5	8.088	63	79957	48.153	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	96.300%
56) 1,1,2,2-Tetrachloroeth...	10.214	84	50474	4.795	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.800%
66) 1,2-Dichlorobenzene-d4	11.622	152	74930	5.214	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.200%
Target Compounds						
3) Chloromethane	1.246	50	626	0.038	ug/L	89
10) 1,1,2-Trichloro-1,2,2-...	2.114	101	1183	0.090	ug/L #	21
16) Methylene chloride	2.513	84	4323	0.334	ug/L	99
25) Chloroform	4.381	83	7229	0.299	ug/L	91
27) 1,2-Dichloroethane	5.053	62	1472	0.131	ug/L #	73
35) Methylcyclohexane	6.069	83	22376	1.289	ug/L #	19
37) 1,2-Dichloropropane	6.069	63	9592	0.779	ug/L #	86
39) cis-1,3-Dichloropropene	6.989	75	1821	0.133	ug/L #	64
44) trans-1,3-Dichloropropene	7.629	75	876	0.081	ug/L #	17
61) 1,2,3-Trichloropropane	11.246	75	7500	1.525	ug/L #	65
71) Naphthalene	13.513	128	1030	0.073	ug/L #	69

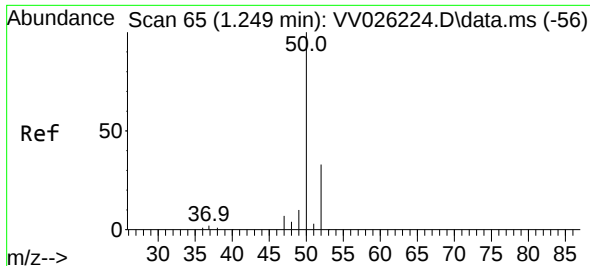
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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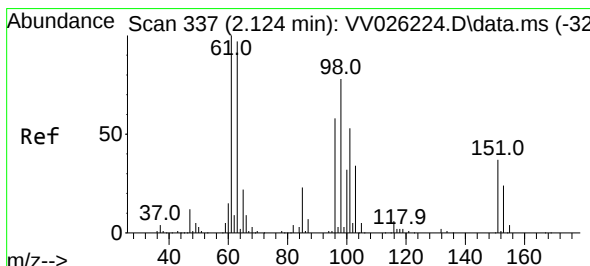
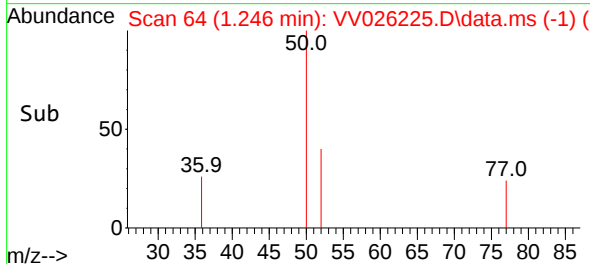
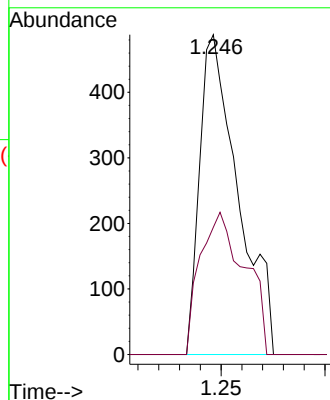
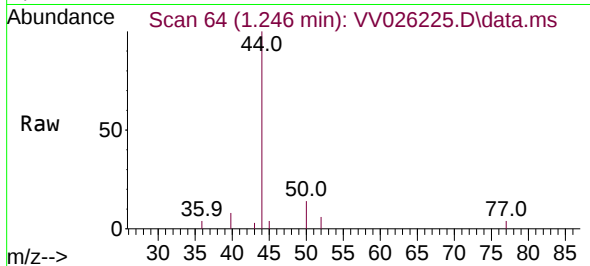




#3
Chloromethane
Concen: 0.038 ug/L
RT: 1.246 min Scan# 64
Delta R.T. -0.003 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

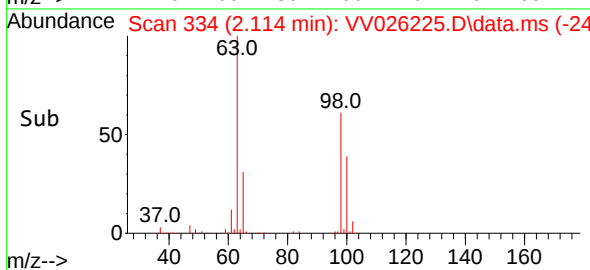
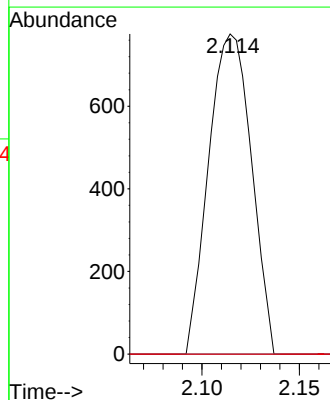
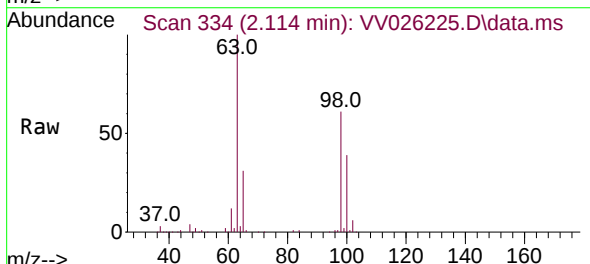
Instrument :
MSVOA_V
ClientSampleId :
VBLK371

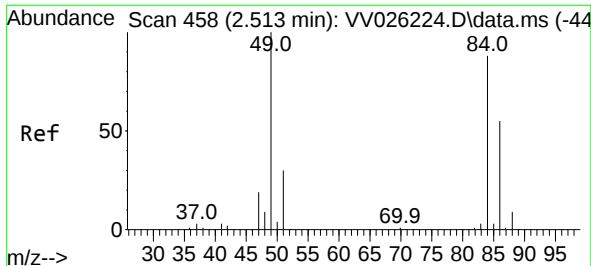
Tgt Ion: 50 Resp: 626
Ion Ratio Lower Upper
50 100
52 39.8 23.6 43.8



#10
1,1,2-Trichloro-1,2,2-trifluoroethane
Concen: 0.090 ug/L
RT: 2.114 min Scan# 334
Delta R.T. -0.009 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

Tgt Ion: 101 Resp: 1183
Ion Ratio Lower Upper
101 100
85 0.0 35.3 52.9#
151 0.0 56.5 84.7#

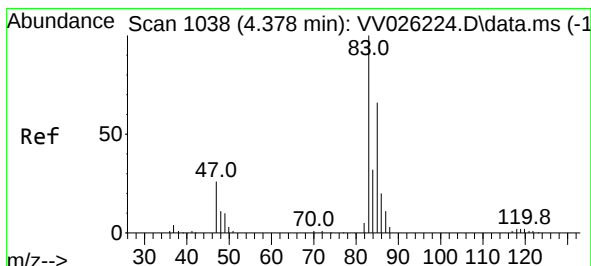
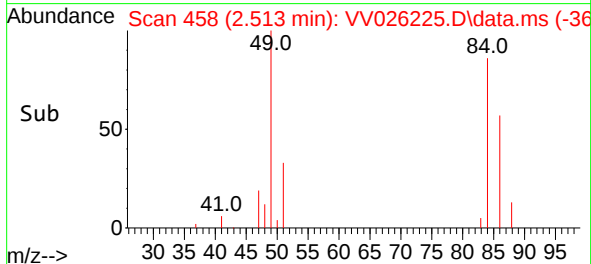
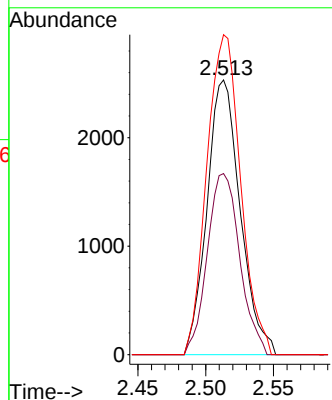
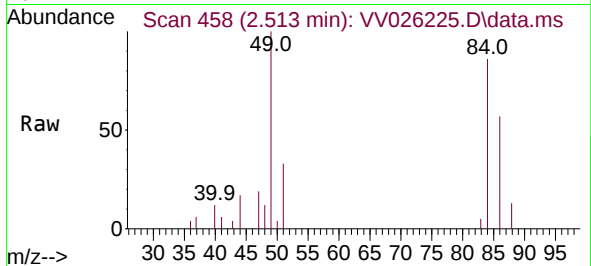




#16
Methylene chloride
Concen: 0.334 ug/L
RT: 2.513 min Scan# 41
Delta R.T. 0.000 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

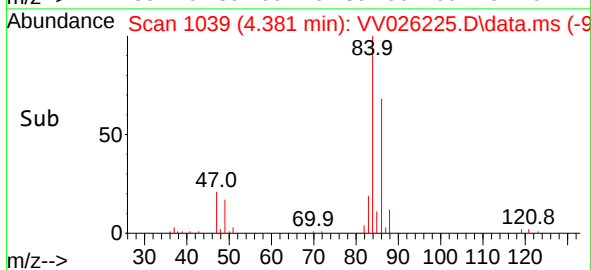
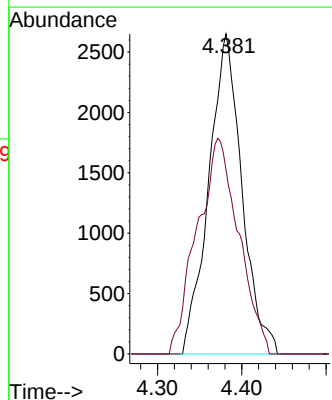
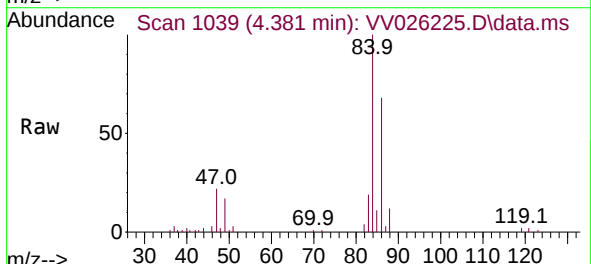
Instrument :
MSVOA_V
ClientSampleId :
VBLK371

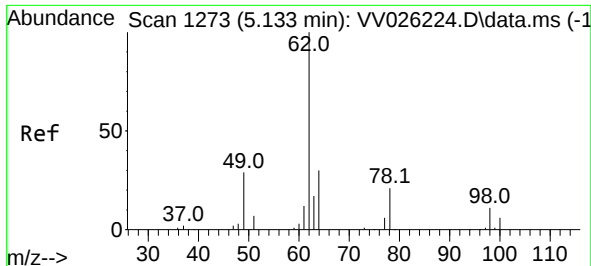
Tgt Ion: 84 Resp: 4323
Ion Ratio Lower Upper
84 100
86 65.9 45.1 83.7
49 116.5 82.3 152.9



#25
Chloroform
Concen: 0.299 ug/L
RT: 4.381 min Scan# 1039
Delta R.T. 0.003 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

Tgt Ion: 83 Resp: 7229
Ion Ratio Lower Upper
83 100
85 57.6 45.3 84.1





#27

1,2-Dichloroethane

Concen: 0.131 ug/L

RT: 5.053 min Scan# 1

Delta R.T. -0.080 min

Lab File: VV026225.D

Acq: 14 Jun 2022 10:29

Instrument :

MSVOA_V

ClientSampleId :

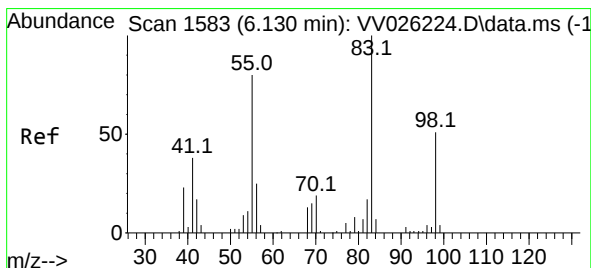
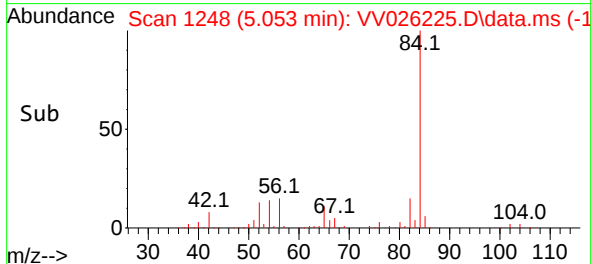
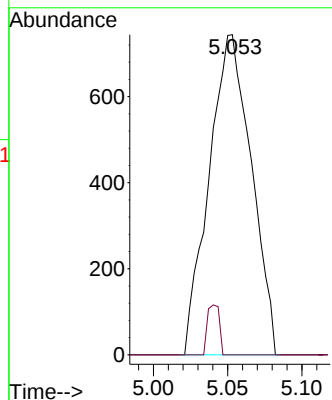
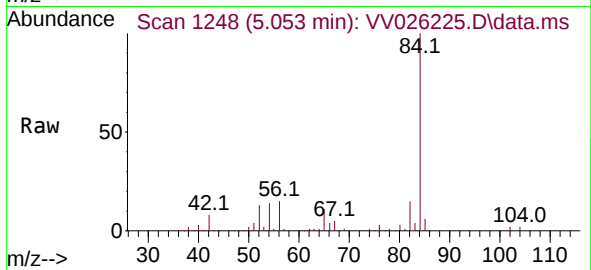
VBLK371

Tgt Ion: 62 Resp: 1472

Ion Ratio Lower Upper

62 100

98 0.0 7.9 11.9#



#35

Methylcyclohexane

Concen: 1.289 ug/L

RT: 6.069 min Scan# 1564

Delta R.T. -0.061 min

Lab File: VV026225.D

Acq: 14 Jun 2022 10:29

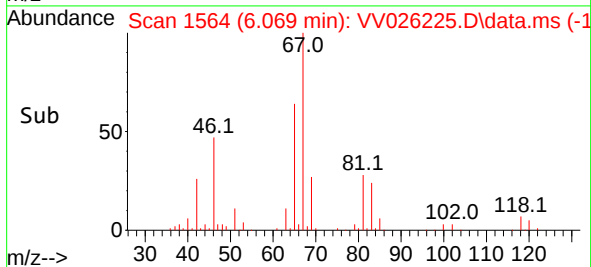
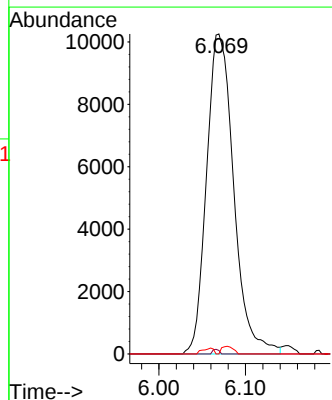
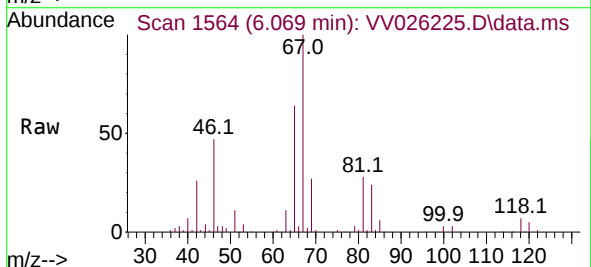
Tgt Ion: 83 Resp: 22376

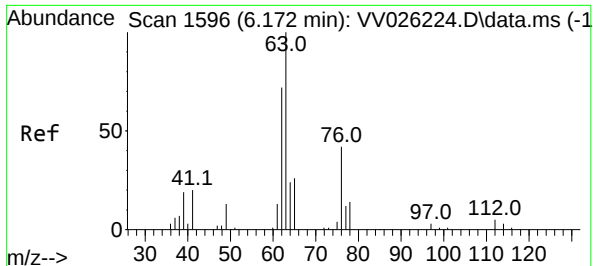
Ion Ratio Lower Upper

83 100

55 0.3 59.5 89.3#

98 0.7 38.4 57.6#





#37

1,2-Dichloropropane

Concen: 0.779 ug/L

RT: 6.069 min Scan# 11

Delta R.T. -0.103 min

Lab File: VV026225.D

Acq: 14 Jun 2022 10:29

Instrument :

MSVOA_V

ClientSampleId :

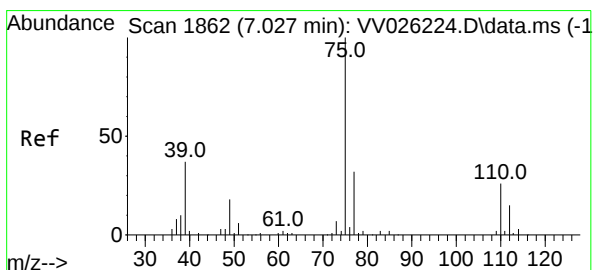
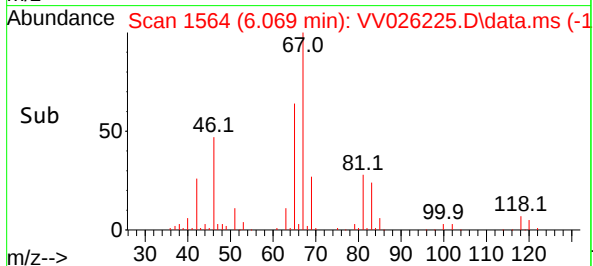
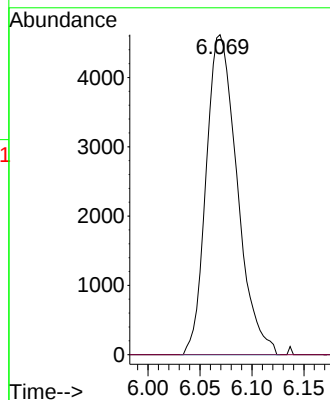
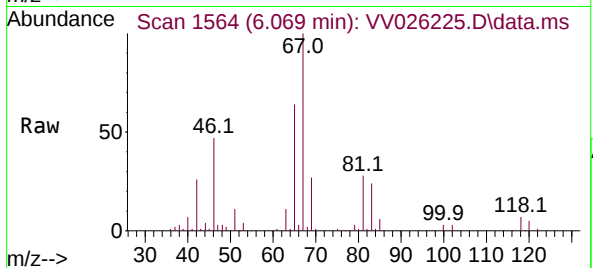
VBLK371

Tgt Ion: 63 Resp: 9592

Ion Ratio Lower Upper

63 100

112 0.2 3.9 5.9#



#39

cis-1,3-Dichloropropene

Concen: 0.133 ug/L

RT: 6.989 min Scan# 1850

Delta R.T. -0.038 min

Lab File: VV026225.D

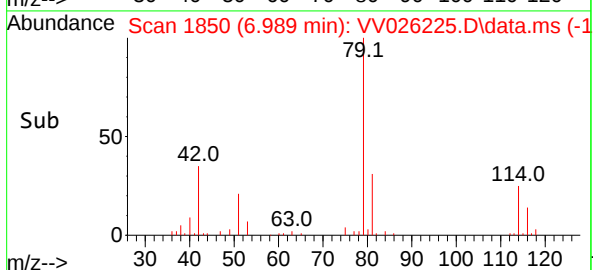
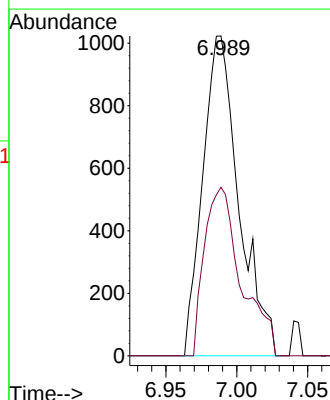
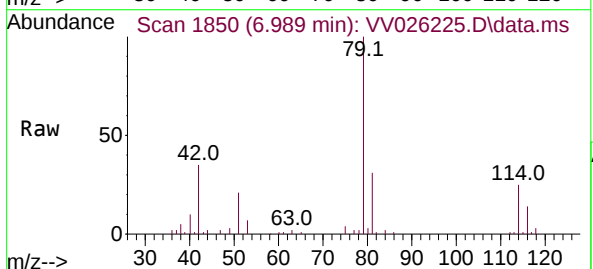
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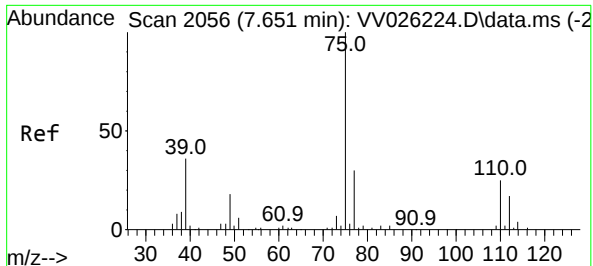
Tgt Ion: 75 Resp: 1821

Ion Ratio Lower Upper

75 100

77 52.7 22.9 42.5#

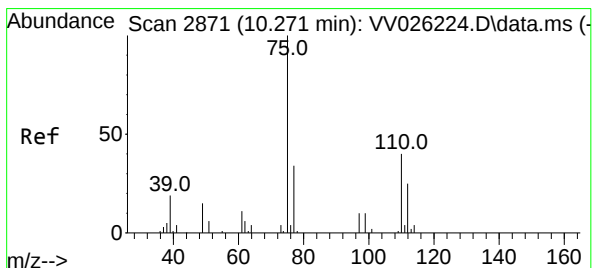
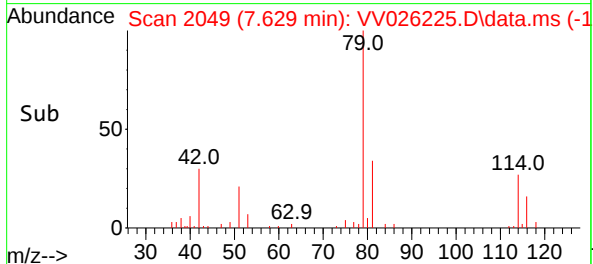
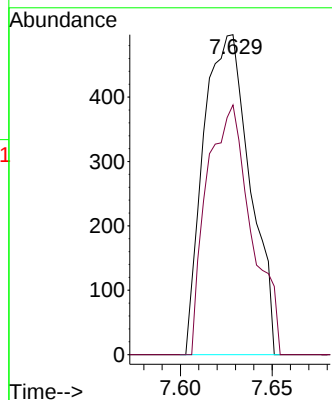
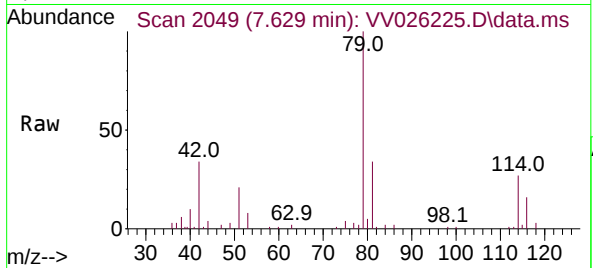




#44
trans-1,3-Dichloropropene
Concen: 0.081 ug/L
RT: 7.629 min Scan# 2056
Delta R.T. -0.022 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

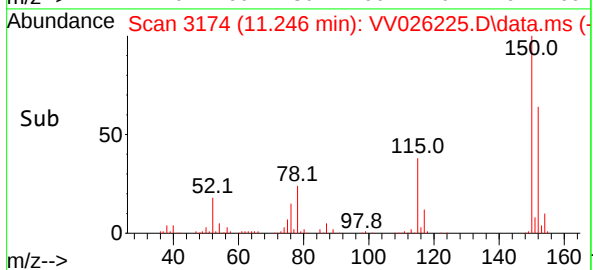
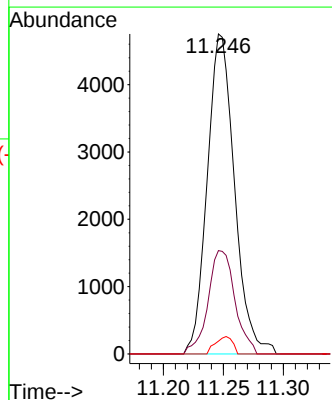
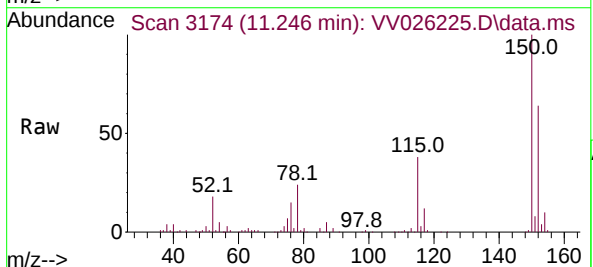
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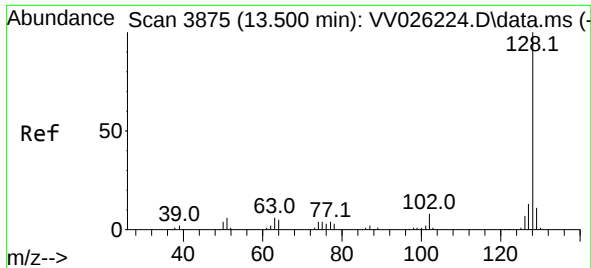
Tgt Ion: 75 Resp: 876
Ion Ratio Lower Upper
75 100
77 78.1 22.3 41.3#



#61
1,2,3-Trichloropropane
Concen: 1.525 ug/L
RT: 11.246 min Scan# 3174
Delta R.T. 0.974 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

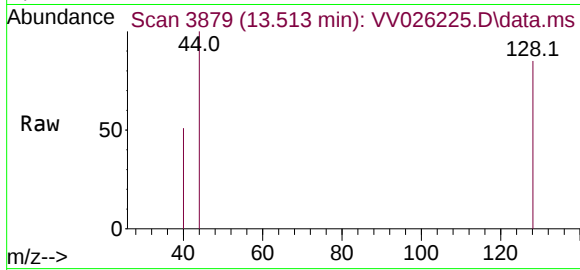
Tgt Ion: 75 Resp: 7500
Ion Ratio Lower Upper
75 100
77 31.8 27.8 41.8
110 3.4 33.0 49.4#





#71
Naphthalene
Concen: 0.073 ug/L
RT: 13.513 min Scan# 3879
Delta R.T. 0.013 min
Lab File: VV026225.D
Acq: 14 Jun 2022 10:29

Instrument :
MSVOA_V
ClientSampleId :
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Tgt Ion:128 Resp: 1030
Ion Ratio Lower Upper
128 100
129 0.0 9.0 13.4#
127 0.0 10.5 15.7#

